LIST OF CONTENTS VOLUME 39

NUMBERS 1 and 2

NUMBERS 1 and 2		
K. Yasuda and Y. Yin	1	A dissimilarity measure for solving the cell formation problem in cellular manufacturing
Y. Edan and N. Pliskin	19	Transfer of software engineering tools from information systems to production systems
J. S. Usher, A. H. Kamal and S. W. Kim	35	A decision support system for economic justifi- cation of material handling investments
M. Mir and M. H. Imam	49	A hybrid optimization approach for layout design of unequal-area facilities
G. Rabinowitz and A. Mehrez	65	A multi-echelon multi-commodity, logistic system design at the Dead Sea Works Ltd
CY. Chou, CH. Chen and MH. C. Li	81	Application of computer simulation to the design of a traffic signal timer
N. E. Abboud	95	A discrete-time Markov production-inventory model with machine breakdowns
YN. Yang, H. R. Parsaei and H. R. Leep	109	A prototype of a feature-based multiple-alterna- tive process planning system with scheduling verification
G. C. Onwubolu and M. Mutingi	125	A genetic algorithm approach to cellular manu- facturing systems
R. Nagarajan and R. N. Kumar	145	A predictive fuzzy logic controller with an adap- tive loop for the manufacture of resin adhesives
HC. Horng and J. K. Cochran	159	Project surface regions: a decision support methodology for multitasking workers assign- ment in JIT systems
KS. Wu and LY. Ouyang	173	(Q,r,L) Inventory model with defective items
D. Trentesaux, P. Pesin and C. Tahon	187	Comparison of constraint logic programming and distributed problem solving: a case study for interactive, efficient and practicable job- shop scheduling
NUMBERS 3 and 4		
S. Verma	217	Special Issue of Computers and Industrial Engineering on Mathematical Models and their Applications for Production Planning and Scheduling
T V Veerbie E Determent D Johnson	210	Davidaning auftuore for concreting according

T. V. Voorhis, F. Peters and D. Johnson

219 Developing software for generating pouring schedules for steel foundries

- M. Pattloch, G. Schmidt and M. Y. Kovalyov
- R. R. Inman and D. J. A. Gonsalvez
- K. J. Musselman
- M. G. Hegedus and W. J. Hopp
- R. M. Dabbas, H.-N. Chen, J. W. Fowler and D. Shunk
- M. Azizoglu and S. Webster
- H. Yu and W. Liang
- A. Allahverdi and M. Savsar
- W.-S. Yoo and L. A. Martin-Vega

- 235 Heuristic algorithms for lotsize scheduling with application in the tobacco industry
- 255 A mass production product-to-plant allocation problem
- 273 Complex scheduling of a printing process
- 293 Due date setting with supply constraints in systems using MRP
- 307 A combined dispatching criteria approach to scheduling semiconductor manufacturing systems
- 325 Scheduling a batch processing machine with incompatible job families
- 337 Neural network and genetic algorithm-based hybrid approach to expanded job-shop scheduling
- 357 Stochastic proportionate flowshop scheduling with setups
- 371 Scheduling single-machine problems for ontime delivery

